

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2004-0007  
(Replaces Monitoring and Reporting Program No. R1-2001-01)  
for

Simpson Redwood Company d.b.a. Simpson Timber Company  
Halvorson Properties  
Preston Properties  
1200 West Del Norte Avenue  
Eureka, California

Humboldt County

MONITORING

1. The presence of floating product shall be evaluated in each monitoring well and/or piezometer semiannually. If detected, the thickness shall be measured to at least 0.01 foot increments semiannually.
2. The depth to groundwater in each monitoring well and/or piezometer shall be determined to at least 0.01 foot increments semiannually. The results of each event's elevation shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
3. Each monitoring well and/or developed piezometer shall be sampled according to the following schedule. The analyses shall be performed at a certified laboratory for pentachlorophenol (PCP), tetrachlorophenol (TCP), Total Petroleum Hydrocarbons as mineral spirits (TPH-ms), Total Petroleum Hydrocarbons as diesel (TPH-d), Total Petroleum Hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, xylene (collectively known as BTEX), methyl tert butyl ether (MTBE), and polynuclear aromatic hydrocarbons (PAH).

WELL/PIEZOMETER	SEASONAL HIGH GROUNDWATER	SEASONAL LOW GROUNDWATER
GP-02A	PCP, TCP	
MW-01B	TPH-D, TPH-MS, PCP, TCP, PAH	TPH-D, TPH-MS, PCP, TCP, PAH
MW-02B	PCP, TCP	PCP, TCP
MW-03B	TPH-D, TPH-MS, PCP, TCP, PAH	TPH-D, TPH-MS, PCP, TCP, PAH
MW-04A	PCP, TCP, PAH	PCP, TCP, PAH
GMW-01A	TPH-G BTEX, MTBE	TPH-G BTEX, MTBE

4. Each monitoring well with detectable levels of PCP and/or TCP will be sampled annually for dioxins and furans.

5. The stream monitoring station shall be sampled for PCP and TCP each month that surface water is flowing.

### REPORTING

A ground water elevation contour map shall be submitted for each set of measurements and include the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells and/or piezometers measured.

Semiannual monitoring reports, including gradient and sampling data, shall be submitted to this office in accordance with the following schedule:

Reporting period

Due Date

January, February, March,  
April, May, June

July 15

July, August, September,  
October, November, December

January 15

Ordered by



Catherine E. Kuhlman  
Executive Officer

January 16, 2004